

REVENOK, N.D.

Observation on the effectiveness of the live measles vaccine developed by the Pasteur Institute of Leningrad. Zdravo-okhranenie 6 no.3:30-33 My-Je'63 (MIRA 16:11)

1. Iz Modavskogo nauchno-issledovatel'skogo instituta epidemiologii, mikrobiologii i gigiyeny (dir. A.P. Diskalenko).

✱

SMORODINTSEV, A. A.; BOYCHUK, L. M.; SHIKINA, Ye. S.; MESHALOVA, V. N.; TAROS, L. Yu.;
AMINOVA, M. G.; REVENOK, N. D.; SAFAROV, D. I.

"Experience in the USSR in the prevention of measles by use of live vaccine."

report presented at Symp on Applied Virology, Boca Raton, Fla., 30 Nov-2 Dec 64.

Pasteur Inst of Epidemiology and Microbiology, Leningrad.

REVENOK, N.D.

Clinical aspects of measles in infants with special reference
to maternal immunity. Ped., akush. i gin. 25 no.2:16:18'63.
(MIRA 16:9)

1. Moldavs'kiy institut epidemiologii, mikrobiologii ta
gigiyeny (direktor - kand.med.nauk N.N.Yezhov [IEzhov, N.N.].
(MEASLES) (IMMUNOPATHOLOGY)

REVENOK, N. D.

Relapses and repeated measles. *Pediatrica* no. 6:42-47 '62.
(MIRA 15:6)

1. Iz Moldavskogo instituta epidemiologii, mikrobiologii i
gigieny.

(MEASLES)

PIS'KO, G.T., kand.med.nauk; REVENSKAYA, Ye.Yu.

Pharmacology and clinical use of some hypotensive preparations.
Vrach. delo no.6:146 Je '61. (MIRA 15:1)

1. Kafedra farmakologii (zaveduyushchiy - prof. S.P.Zakrivodoroga)
Chernovitskogo meditsinskogo instituta.
(THEOBROMINE) (PAPAVERINE)

REVERA, O. Z., Candidate Geogr Sci (diss) -- "The hydrology of western Poles'ye and the Volhynia upland". Kiev, 1959. 15 pp (Kiev State U im T. G. Shevchenko), 150 copies (KL, No 24, 1959, 129)

REVERA, O. Z.

Seasonal runoff of rivers in the western Polesye and the Volyn
Upland. Nauk. zap. Kyiv. un. 17 no.1:59-76 '58. (MIRA 13:11)
(Polesye--Runoff)
(Volyn-Podolian Upland--Runoff)

REVERA, O.Z.

Annual runoff of western Polesye and the Volyn' Upland. Geog.
zbir. no.6:109-117 '62. (MIRA 15:9)
(Volyn'-Podolian Upland--Runoff)

ARISTOVSKIY, Valer'yan Valer'yanovich [Arystovs'kyi, V.V.], doktor tekhn. nauk; SLOBODYAN, Roman Tikhonovich, kand. tekhn. nauk; DIDKOVSKIY, M.M. [Didkovs'kyi, M.M.], kand. tekhn. nauk, otv. red.; REVERA, O.Z., kand. geogr. nauk, nauchnyy red.; DAKHTO, Yu.M., tekhn. red.

[Stability of the Kakhovka Reservoir shores undergoing deformations caused by subsidences and slides] Stiikist' berehiv Kakhovs'koho vodoskhovysheha, shcho zaznaiut' szuvnykh ta prosadochnykh deformatsii. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 145 p. (MIRA 15:11)

(Kakhovka Reservoir—Coast changes)

ARISTOVSKIY, Valer'yan Valer'yanovich [Arystovs'kyi, V.V.], doktor
tekhn. nauk; SLOBODYAN, Roman Tikhonovich, kand. tekhn. nauk.
Prinimal uchastiye GARKAVI, O.Ya. [Harkavi, O.IA.], mladshiy
nauchnyy sotr.; DIDKOVSKIY, M.M. [Didkovs'kyi, M.M.], kand. tekhn.
nauk, otv. red.; REVERA, O.Z., kand. geog. nauk, nauchnyy red.;
DAKHNO, Yu.M., tekhn. red.

[Resistance of the shores of the Kakhovka Reservoir to damage by
landslides and settling] Stiikist' berehiv Kakhovs'koho vodoskhovy-
shcha, shcho zaznaiut' zsvnykh ta prosadochnykh deformatsii.
Kyiv, Vyd-vo Akad. nauk URSR, 1962. 145 p. (MIRA 15:6)
(Kakhovka Reservoir--Shorelines)

REVERDATTO, L.

Mbr., Lab., All-Union Experimental Inst., -1943-. "Certain Phenomena in the Arc of a Mercury Rectifier Provided with Grids," Zhur. Tekh. Fiz., 14, No. 6, 1944; "Reverse Currents of the Multiphase Mercury Rectifier," ibid.

1. REVERDATTE, V. V.
2. USSR (600)
4. Geology and Geography
7. Steppes of Siberia. By A. V. Kuminova and Ye. V. Vandakurova. (New Siberian Regional Press, 1949). Reviewed by M. I. Pomus. V. V. Reverdatte (editor). Sov. Kniga, No. 3, 1950.

9. [REDACTED] Report U-3081, 16 Jan 1953. Unclassified.

REVERDATTO, M.V.

Origin of relief in plains of the cis-Verkhoyansk Range region.
Nauch. dokl. vys. shkoly; geol.-geog. nauki no.3:71-78 '58.
(MIRA 12:1)

1. Moskovskiy universitet, geograficheskiy fakul'tet, kafedra
geomorfologii.
(Verkhoyansk Range--Physical geography)

SEMAL'KO, V.S., kandidat sel'skokhozyaystvennykh nauk; REVENKOVA, A.I.,
redaktor; BALLAD, A.I., tekhnicheskiiy redaktor

[Principles of seed storage] Osnovy khraneniia semian. Moskva,
Gos. izd-vo selkhoz. lit-ry, 1952. 287 p. (MIRA 10:1)
(Seeds--Storage)

DOYARENKO, Aleksey Grigor'yevich; REVENKOVA, A.I., redaktor; ZUBRILINA, Z.P.,
tekhnicheskiiy redaktor

[Agriculture made interesting] Zanimatel'naya agronomiya. Moskva,
Gos. izd-vo selkhoz. lit-ry, 1956. 181 p. (MLA 9:9)
(Agriculture)

REVENYUK, I., starshiy leytenant

Everything is important in the training of telegraphists. Voen.
sviaz. 16 no.4:20 Ap '58. (MIRA 11:4)
(Military telegraph--Study and teaching)

REVERA, O.Z.

Flow of small watercourses; according to materials of the
Boguslav Hydrologic Station. Trudy UkrNIGMI no.51:39-46 '65.
(MIRA 18:9)

REVERA, O. Z.

Summary translation from: Referativnyy Zhurnal, Geografiya, 1957,
Nr 1, p. 89 (USSR) 14-1-750

AUTHOR:

Revera, O. Z.

TITLE:

Water Resources of the Ukrainian Poles'ye and their Utilization (Vodnyye resursy Ukrainskogo Poles'ya i ikh ispol'zovaniye)

PERIODICAL:

In Sbornik: Narisi pro prirodu i sil's'ke gospodarstvo Ukr. Polissya. Kiyev, un-t, 1955, pp. 193-198 (Ukrainian text with Russian résumé)

ABSTRACT:

The possibility of utilizing the water resources of the Ukrainian Poles'ye depends primarily on the proper drainage of swamps and boggy areas. The flatness of the country and the diversity of the soil covering creates problems in drainage engineering, which at the same time must be related to such agricultural problems as irrigation, river flow control, soil improvement measures, etc. A large part of the drainage system destroyed during the war has been restored and extensive new networks have been built. The flatness of the country makes it possible to utilize only 5-10% (in a few cases up to 25%).

Card 1/2

REVERDATTO, M.V.

Preservation of the erosion pavement and development of the relief in the right-bank area of the middle Lena Valley.

Vest. Mosk. un. Ser. biol., pochv., geol., geog. 13 no.2:
253-259 '58. (MIRA 11:9)

1. Moskovskiy gos. universitet, Kafedra geomorfologii.
(Lena Valley--Physical geography)

REVERDATTO, M.V. :

Geomorphology of old valleys in the central Lena Valley and terraces
in the Lena and Vilyuy Valleys. Geol. i geofiz. no.4:43-62 '60.
(MIRA 13:9)

1. Moskovskiy gosudarstvennyy universitet.
(Lena Valley--Geology) (Vilyuy Valley--Geology)

REVERDATTO, M. V., Cand of Geogr-Sci --- (diss) "Formation of the
Relief in the Southern Part of the Leno-Vilyuyskaya Lowland and the
Neighboring Territory of the Leno-Alsanskiy Plateau,"
Moscow, 1959, 19 pp (Moscow State Univ imeni M. V. Lomonosov)
(KL, 6-60, 1214)

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The culture of some medicinal plants in the Kerevsk- birt province. V. V. Ryvartov and A. G. Goncharov. <i>Doklady Akad. Nauk S. S. S. R.</i> 43, 213-4; Compl. rend. acad. sci. U. R. S. S. 43, 230-3 (1944) (in English). Agricultural problems involved in successfully cultivating <i>Lobelia inflata</i> and <i>Atriplex halimifolia</i>, contig. satisfactory amts. of alkaloids, in Siberia have been solved. J. W. Perry																																																																																																							
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REVERDATTO V. V.

Reverdatto, V. V. "Critical notes on the birthplace of the Festuca in the Krasnoyarsk Territory," Botan. materialy Gerbariya Botan. in-ta im. Komarova Akad. nauk SSSR, Vol. XI, 1949, p. 56-61

SO: U-2024, 29 Oct 53, (Letopis ' Zhurnal 'nykh Statey, No. 18, 1949).

REVERDATTO, V.V., otv. red.; SMYSHLYAYEVA, A.F., red.; STREL'NIKOVA,
N.D., red.; SMIRNOV, Ye.S., red.; ZHELNOV, I.I., red.

[Transactions dedicated to the 20th anniversary of the
Pharmaceutical Department] Sbornik trudov, posviashchen-
nyi XX-letiiu farmatsevticheskogo fakul'teta. Tomsk,
1962. 203 p. (MIRA 17:10)

1. Tomsk. Gosudarstvennyy meditsinskiy institut. 2. Zave-
duyushchiy kafedroy obshchey khimii Tomskogo meditsinskogo
instituta (for Strel'nikova). 3. Zaveduyushchiy kafedroy
organicheskoy i fiziko-kolloidnoy khimii Tomskogo meditsin-
skogo instituta (for Zhelnov). 4. Zaveduyushchiy kafedroy
farmatsevticheskoy i sudebnoy khimii Tomskogo meditsinskogo
instituta (for Smirnov).

REVERDATTO, V.V.

USSR/ Miscellaneous - Book review

Card 1/1 Pub. 123 - 17/17

Authors : Reverdatto, V. V., Dr. of Biological Sciences

Title : A well-timed book

Periodical : Vest. AN Kaz. SSR 11, 109-110, Nov 1954

Abstract : A critical review of a book on botany is presented. The book, written by B. A. Bykov, entitled, "Geobotanics", was published by the Acad. of Sc. of the Kaz. SSR.

Institution :

Submitted :

REVERDATTO, V.V.

Steppes of Khakasia. Izv.Vses.geog.ob-va 86 no.3:229-240 My-Je '54.
(MIRA 7:6)

(Khakass Autonomous Province--Steppes) (Steppes--Khakass Autonomous
Province)

X REVERDATTO, V.V.,
5-3-16/37

AUTHOR: None given

TITLE: Chronicle of the Geographic Section (Khronika geograficheskoy sektsii)

PERIODICAL: Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiiy, 1957, No 3, pp 162-164 (USSR)

ABSTRACT: The following reports were delivered at the meeting of the Geographic Section, Moscow **Society** of Naturalists, from 6 February to 22 March 1957: V.V. Reverdatto (from Tomsk) on the "Blanket Glaciation of Central Siberia and Glacial Plant Relics at the Southern Glaciation Border"; V.L. Levin on the "Types of Sands in the Area West of Caspian Sea"; M.P. Zabrodszkaya on the "Problem of the Nile" (This report was published as a separate publication by the "Geografizdat"); S.V. Viktorov on "Botanic Signs of Rock and Soil Bituminosity in the Southern Ustyurt and in North-Eastern Turkmenistan, A.N. Zelinskiy on "Archeological Pamir Expedition", and Ye.I. Olli on "Karatau Karst (Southern Kazakhstan)".

AVAILABLE: Library of Congress

Card 1/1

REVERDATTO, V.V.

Metamorphism in the contacts of the Anakit trap massif
in the Lower Tunguska Valley. Trudy Inst. geol. i geofiz.
Sib.otd. AN SSSR no.30:97-168 '64.

(MIRA 18:11)

REVERDATTO, V.V.

Paragenetic analysis of the carbonate rocks of spurrite-mervinite
facies. Geol. i geofiz. no.2:3-20 '65. (MIRA 18:9)

1. Institut geologii i goefiziki Sibirskogo otdeleniya AN SSSR,
Novosibirsk.

DOBRETISOV, N.L.; REVERDATTO, V.V.; SOBOLEV, V.S.; SOBOLEV, N.V.; USHAKOVA,
Ye.N.; KHLESTOV, V.V.

Basic characteristics of the distribution of the facies of
regional metamorphism in the U.S.S.R. Geol. i geofiz. no.4:
3-18 '65. (MIRA 18:8)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN
SSSR, Novosibirsk.

ROVERDILLO, V.V.

Metamorphism at the contacts of the Bor-Uryakh ultrabasic massif.
Dokl. AN SSSR 163 no. 1:970-973 Ag '65.

(MIRA 18:3)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.
Submitted April 5, 1965.

REVERDATTO, V.V.

Pleistocene glacial and steppe relicts in the flora of central
Siberia. Izv. SO AN SSSR no.4 Ser. biol.-med.nauk no.1:3-14 '65.
(MIRA 18:8)

1. Gerbariy imeni P.N.Krylova, Tomskiy gosudarstvennyy universitet.

REVERDATTO, V.V.; KRYLOV, G.V.

Some problems of principle and discussion in studying the
vegetation of Siberia and the Far East. Izv. SO AN SSSR
no.12: Ser. biol.-med. nauk no.3:3-13 '64. (MIRA 18:6)

1. Biologicheskii institut Sibirskogo otdeleniya AN SSSR,
Novosibirsk i Tomskoye otdeleniye Vsesoyuznogo botanicheskogo
obshchestva.

REARATTO, V.V.

Manifestation of the high-temperature contact metamorphism in the
Podkamsnaya Tunguska Basin. Dokl. AN SSSR 259 no.1:104-107 Pt
'64. (PIR: 17-2)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.
Predstavleno akademikom V.S.Schobolevym.

REVERDATTO, V.V.

Petrology of the Anakit differentiated trap massif and its structure.
Geol.i geofiz. no.10:79-92 '63. (MIRA 17:1)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

REVERDATTO, V.V.

Devastated steppes of the Khakass Autonomous Province. Trudy
TGU 147:203-211 '57. (MIRA 16:5)

1. Gerbarniy imeni P.N.Krylova pri Tomskom gosudarstvennom
universitete imeni Kuybysheva.
(Khakass Autonomous Province—Steppe flora)

REVERDATTO, V.V.

Magnesioferrite and magnetite mineralization of the Anakit uplift
in the Lower Tunguska Valley. Geol. i geofiz. no.11:60-73 '62.
(MIRA 16:3)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR,
Novosibirsk.

(Lower Tunguska Valley--Magnesioferrite)
(Lower Tunguska Valley--Magnetite)

REYD DATTO, V. V.

Dissertation defended for the degree of Candidate of Geologo-Mineralogical Sciences at the Joint Academic Council on Geologo-Mineralogical, Geophysical, and Geographical Sciences; Siberian Branch

"Petrology of the Anakitskiy Differentiated Trappean Massif Along the Lower Tunguska River and the Associated Contact-Metamorphic Rocks of Larnite-Merwinite-Spurrite Subfacies."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

REVERDATTO, V.V.

Metamorphous tridymite from contact-metamorphosed limestones of the
larnite-merwinite facies. Dokl. AN SSSR 146 no.3:689-692 S '62.
(MIRA 15:10)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.
Predstavleno akademikom V.S.Sobolevym.
(Tridymite)

SOBOLEV, V.S.; REVERDATTO, V.V.

High-temperature mineral association at contacts of a differentiated
trap intrusion on the Lower Tunguska River. Geol.i geofiz.
no.5:137-138 '62. (MIRA 15:8)
(Lower Tunguska Valley--Minerals)

REVERDATTO, V.V.

Find of tilleyite in the contact zone of the Anakitskiy trap
intrusion on the Lower Tunguska River. Dokl. AN SSSR 142
no.5:1155-1157 F '62. (MIRA 15:2)

1. Institut geologii i geofiziki Sibirskogo otdeleniya
AN SSSR. Predstavleno akademikom V.S.Sobolevym.
(Lower Tunguska Valley--Tilleyite)

POLOZHIY, A.V.; REVERDATTO, V.V., prof., red.; SERGIYEVSKAYA, L.P.,
prof., red.; OSOVSKIY, A.T., tekhn. red.

[Flora of Krasnoyarsk Territory] Flora Krasnoyarskogo kraia.
Tomsk, Izd-vo Tomskogo univ. No.6. [Pea family -Papilionaceae]
Bobovye - Papilionaceae. 1960. 93 p. (MIRA 15:2)
(Krasnoyarsk Territory--Papilionaceae)

REVERDATTO, V.V.

Meadow steppes of Khakassia. Izv. Tomsk. otd. VBO 4:3-8 '59.
(MIRA 14:6)

1. Gerbariy imeni P. N. Krylova pri Tomskom universitete imeni
V. V. Kuybysheva.
(Khakass Autonomous Province--Steppes)

23618

S/148/60/000/012/004/020

A161/A133

18.3200

AUTHORS: Rovenko, V. V., and Demykin, K. V.

TITLE: On the problem of continuous oxidization of cast iron elements by oxygen

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Chernaya metallurgiya, no. 12, 1960, 39 - 45

TEXT: Oxidation of iron by blowing oxygen in the spout of a blast furnace and cupola, in ladles and mixers had already been tried. The successful tests in steel production of blowing oxygen through barrel furnaces (Ref. 5: N. N. Lazarev, Stal', 1957, no. 5) has indicated practically possible ways of continuous steel production, but blowing in the barrel furnace is not possible with a strong blast because of metal and slag splashes, intense wear of lining and other reasons. In experiments described in this article oxygen was blown through the falling metal stream out of contact with the furnace walls (Fig. 1). The method is suggested for the treatment of iron before charging it into open-hearth furnaces, and it is expected that the productivity of an open-hearth furnace would be raised 25 - 40%.

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On the problem of continuous oxidization of...

The shaft furnace illustrated may be considered the first stage in the continuous steel making process. The 1.23 m high test furnace was lined with fireclay brick, the well was lined with magnesite; had a water-cooled copper caisson (5 in Fig. 1) in the top containing a fireclay insert (6). Up to 100 kg iron was treated in each of the 16 test heats, using oxygen at 15 atm pressure. The first experiment series with bottom blowing gave results which were not completely satisfactory. In the second series combined bottom and top blowing proved better and the oxygen stream from the top had a better pulverizing effect on the metal, but it was not possible to use top blowing over 30% of the total because the metal splashed too strongly before the pouring spout. The temperature of the metal before entering the furnace was 1,200 - 1,300°C and increased by 200 - 300°C during blowing. In the third series it was attempted to determine the effect of the metal jet fall height at top blowing only. A uniform pouring rate was maintained by the use of an intermediate ladle (10, Fig. 1) and constant iron level in, but it was not possible to increase the furnace height further than up to 1.7 m, the difference not being noticeable. As the quantity of oxidized impurities was only half compared with the second series, it was obvious that the ef-

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A161/A133

On the problem of continuous oxidization of...

fect of bottom blowing had been underestimated. Fig. 3 shows the chosen furnace head design. The intake opening 30 mm in diameter and 65 mm in height was made in fireclay brick, and the brick was installed on the water-cooled caisson without the initial insert. The oxygen pressure in the reducer for bottom and top blowing was 14 - 15 atm. The variations of gas composition could not be determined because the process was too short. The high iron content in slag and brownish smoke indicated intense oxidization of iron in the process. The use of a container in the furnace shaft bottom seems advisable in which metal could react with ferrous slag. Conclusions: The oxidation of carbon in a falling iron stream is possible to 24 - 27%, of Si and Mn to 80%, and of P to 30 - 40%. Sulfur is eliminated to 30 - 40%. A higher degree of oxidization of elements is possible by the application of a space in the bottom furnace shaft portion, and of an additional pulverizing stage. The effect of the metal falling height must be studied on a larger scale than in these experiments. The burning of iron can be reduced by holding metal under slag in the additional space in the furnace shaft bottom. There are 3 figures, 4 tables and 5 references: 4 Soviet-bloc and 1 non-Soviet bloc.

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23618

S/148/60/000/012/004/020

A161/A133

On the problem of continuous oxidization of...

ASSOCIATION: Sibirskiy metallurgicheskiy institut (Siberian Metallurgical Institute)

SUBMITTED: March 25, 1960

Card 4/5

REVERDATTO, V.V.

Ionic substitution in skeletons in certain feldspars. Geol. i
geofiz. no.11:24-34 '60. (MIRA 14:2)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR,
Novosibirsk.
(Feldspar) (Metasomatism)

KUMINOVA, Aleksandra Vladimirovna; REVERDATTO, V.V., prof., doktor biolog. nauk, zaslužennyy deyatel' nauki RSFSR, otv.red.; ALEKSANDROVSKIY, B.M., red.; MAZUROVA, A.P., tekhn.red.

[Vegetation of the Altai] Rastitel'nyi pokrov Altaia. Otv.red. V.V.Reverdatto. Novosibirsk, Izd-vo Sibirskogo otd-niia Akad.nauk SSSR, 1960. 449 p. [List of species occurring in specific sections of associations] Spisok vidov po konkretnym uchastkam assotsiatsii. 66 p. (MIRA 13:9)
(Altai Mountains--Phytogeography)

REVERDATTI V V

26-58-7-35/48

AUTHOR: Krylov, G.V.

TITLE: Scientific Explorations in Siberia (Nauchnyye issledovaniya v Sibiri)

PERIODICAL: Priroda, 1958, Nr 7, pp 114-115 (USSR)

ABSTRACT: The XIIth Session of the Zapadno-Sibirskiy filial AN SSSR (West-Siberian Branch of the AS USSR) took place in Novosibirsk from 17 to 20 March 1958. Delegates from other important Soviet scientific centers attended the session. A total of 190 papers were delivered, of which over 50 served practical purposes. Professor T.F. Gorbachev, President of the Presidium of the West-Siberian Branch of the AS USSR and Vice-President of the Organization Committee of the Siberian Department of the AN USSR, evaluated the research results of the over 800 scientific workers of the institute, outlined the 1959 to 1965 plan assignments to the institute and commented on the establishment of the new large scientific center in the east of the country, the Sibirskoye otdeleniye AN SSSR (Siberian Department of the AS USSR). In the section for complex explorations of the water reservoir of the Novosibirskaya GES (Novosibirsk Hydroelectric Station), S.G. Beyrom and V.M. Samochkin spoke on the na-

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Scientific Explorations in Siberia

26-58-7-35/48

tural factors of the changes of the reservoir's banks. L.A. Lamin sketched the scientific bases of bank-preserving forest plantations. Professor V.V. Reverdatto discussed relics of the flora of Central Siberia from the Glacial period. A.V. Kuminova commented on the ecological composition of the flora of the Altay. M.F. Yelizar'yeva, Dotsent of the Krasnoyarskiy pedagogicheskiy institut (Krasnoyarsk Pedagogical Institute), spoke on plant life in the east border region of the West Siberian depression. Professor B.A. Tikhomirov discussed the basic problems and objects of study of the plant world and plant resources of the northern-most regions of Siberia.

ASSOCIATION: Biologicheskii institut Zapadno-Sibirskogo filiala AN SSSR - Novosibirsk (Biological Institute of the West Siberian Branch of AS USSR - Novosibirsk)

1. Scientific research--USSR

Card 2/2

S/195/63/004/001/006/009
E075/E436

AUTHORS: Shol'moshi, F., Reves, L.

TITLE: Catalysis of reactions in the solid state. Thermal decomposition of ammonium perchlorate in the presence of iron oxide

PERIODICAL: Kinetika i kataliz, v.4, no.1, 1963, 88-96

TEXT: The kinetics of the decomposition of pure NH_4ClO_4 were studied first. The decomposition between 215 and 234.5°C occurred to the extent of 31 to 34% with the activation energy ranging from 29.6 to 34.9 kcal/mole and induction periods from 61 to 218 min. Above 240°C the decomposition proceeded more rapidly, also to the extent of 31 to 33%, and with an activation energy of 31.6 kcal/mole. With the addition of Fe_2O_3 the decomposition below 240°C took place with shortened induction periods and slightly increased rates. For the mixtures containing 50% Fe_2O_3 the extent of the decomposition reached 40 to 45%. Between 240 and 300°C, 60 to 95% of NH_4ClO_4 was decomposed with short induction periods (9 to 23 minutes). The decomposition rate was doubled when the content of Fe_2O_3 increased from 2 to 20%.
Card 1/2

Catalysis of reactions ...

S/195/63/004/001/006/009
E075/E436

Mixtures containing 2, 5 and 12% Fe_2O_3 were also investigated between 300 and 380°C. At these temperatures the first stage of the reaction (approx. 30% decomposition) was completed in 2 to 3 min followed by a slow further decomposition. The activation energies were 40.9, 30.9, 25.7 and 22.0 kcal/mole for the mixtures containing 0, 2, 5 and 12.5% Fe_2O_3 . By comparing the activation energies for the decomposition of pure NH_4ClO_4 with those for the decomposition of its mixtures with Fe_2O_3 , it was concluded that the mechanism of decomposition of the mixtures is electronic by nature. Apparently Fe_2O_3 accelerates the transfer of electrons from anions to cations, i.e. it promotes the formation of NH_4 and ClO_4 radicals which decompose to gaseous products. There are 10 figures and 10 tables.

ASSOCIATION: Institut neorganicheskoy i analiticheskoy khimii pri
Universitete g. Seged, Vengriya (Institute of
Inorganic and Analytical Chemistry at Szeged
University (Hungary))

SUBMITTED: December 12, 1961

Card 2/2

HEVESZ, Andras, geposzmernok

Efficiency of the work of engineers. Musz elet 19 no.9:4
23 Ap '64.

1. Central Research Institute of Physics, Hungarian Academy
of Sciences, Budapest.

REVESZ, A.

Use of thermistors in food industry. p. 55.

(Elelmezesi Ipar. Vol. 11, no. 2, Apr. 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

REVESZ, Akos

Application of thermistors in the food industry. Elelm ipar
11 no.2:55-61 Ap '57.

SECRET

Dr. Medical Lieutenant-Colonel (Corvesalezredes);
• ~~information not given~~.

"Problems of the Indication of Surgery for hearing Correc-
tion."

Budapest, Orvosi Szemle, Vol 14, No 4, Oct-Dec 62, pp 268-271.

Abstract: [Author's German summary] The fundamental prob-
lem of the indication of corrective surgery of the hearing
organ arises from contradictions between older and modern
views. Correction is to be carried out early, at a time
when hearing is not yet impaired. Surgical treatment is in-
dicated more and more in cases of mesotympanic processes
which were treated exclusively conservatively in the past.
Sufficient dosages of antibiotic medication should insure
a safe operation. Finally, the social significance of the
indication of operative correction is referred to. No re-
ferences are given.

1/1

REVESZ, G.

Report on the exhibition of products of the Factory for Transformers,
Control and Electric Appliances, p. 252, ELEKTROTECHNIKA (Magyar
Elektrotechnikai Egyesulet) Budapest, Vol. 49, No. 8, Aug. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

REVESZ, Gyorgy, dr.

Use of lyophilized plasma substance in tympanoplasties. Ful-orr-
gegyogy 7 no.2:77-80 Je '61.

1. Magyar Nephadsereg Egesszsegugyi Szolgalata.

(EAR, MIDDLE surg) (PLASMA) (SKIN TRANSPLANTATION)

RECEIVED
Electrical Engineering

Elec 4
②

✓ 898* Automatic Static Voltage Regulator for Generators.
(Hungarian.) László Forgács and György Bátyai. *Elektro-
technika*, v. 46, no. 5, May 1953, p. 131-141.
Discusses working principles. Describes characteristics of gene-
rators influencing regulation. Diagrams, graphs. 5 ref.

6/3/54

REVESZ, Gyorgy

Report on the conference on "The foundations of mathematics, mathematical machines and their applications". Magy tud 69 no.12:789 D '62.

1. Magy Tudományos Akademia Szamitastechnikai Kozpontja tudományos munkatarsa.

REVESZ, Gyorgy, dr.

The problem of absorption of lyoplasma substances used in operations to improve hearing. Fülörregegygyaszat 10 no.1:11-7 Mr'64

1. A Magyar Nehadsereg Egeszsegugyi Szolgalatanak kozlemenye.

*

NAUR, Peter; BACKUS, J.W.; BAUER, L.F.; GREEN, J.; KATZ, C.; McCARTHY, J.;
PERLIS, A.J.; RUTISHAUSER, H.; SAMELSON, K.; VAUQUOIS, B.;
WEGSTEIN, J.H.; WIJNGAARDEN, A., van; WOODGER, M.; REVESZ, Gyorgy
[translator]

Report on the algorithmic language ALGOL 60. Mat.kut kozl MTA 6
Series B no.4:425-465 '61.

1. ALGOL-bizottsag tagjai (for Backus, Bauer, Green, Katz,
McCarthy, Perlis, Rutishauser, Samelson, Vauquois, Wegstein,
Wijngaarden, Woodger). 2. Szerkeszto "Communications of the ACM"
(for Naur). 3. Magyar Tudomanyos Akademia Szamitastechnikai Kozpont
(for Revesz).

REVESZ, Gyorgy

Polynomial approximation of e^x -function. Mat lapok 12 no.3/4:
222-231 '61.

VINCE, I., REVESZ, K., MOLNAR, A.

Reticulo-endothelial system in infantile atrophy. Gyermekgyógyászat.
2 no. 12:363-366 Dec. 1951. (CML 21:3)

1. Doctors. 2. First Pediatric Clinic (Director -- Prof. Dr. Pal
Gegesi Kiss, Budapest Medical University.

REVESZ, K.:VINCE, I.:MOINAR, A.

Study of the hypophysis adrenal system in atrophic infants. *Gyermekegy-
ogyasszat* 4 no. 1:20-23 Jan 1953. (CML 23:5)

1. Doctors. 2. First Pediatric Clinic (Director -- Prof. Dr. Pal
Gegesi Kiss), Budapest Medical University.

REVESZ, Klara, dr.

Hazards in borate therapy of infants. *Gyermekegyógyászat* 6 no.5:
129-131 May 55.

1. A Budapesti Orvostudományi Egyetem I.sz. Gyermekklinika-jának
(igazgató: Dr. Gegesi Kiss Pál egyet. tanár, akadémikus) közleménye.
(PEDIATRIC DISEASES, therapy,
borates, hazards in inf.)
(BORATES, injurious effects,
in inf.)

REVESZ, Klara, dr.

ACTH therapy of Leiner's diseases in infants. *Gyermekgyógyászat*
5 no.7:224 July 54.

1. A Budapesti Orvostudományi Egyetem I. sz. Gyermekklinika-jának
közleménye (Igazgató: Dr. Gegesi Kiss Pál egyetemi tanár, akadémikus.
(ERYTHRODERMA DESQUAMATIVUM, ther.

ACTH in inf.)

(ACTH, ther. use

erythroderma desquamativum in inf.)

SOLYMOSI, Frigyes; REVESEZ, Laszlo

Thermic decomposition of ammonium perchlorate in presence of zinc oxide; a preliminary communication. Magyar kém folyoir 67 no.10:459-460 0 '61.

1. Szegedi Tudományegyetem Szervetlen és Analitikai-Kémiai Intézete.

SHOL'MOSHI, F. [Solymosi, F.]; REVES, L. [Revesz, L.]

Catalysis of reactions in the solid phase; the thermal decomposition of ammonium perchlorate in the presence of ferric oxide. *Ain.i kat.* 4 no.1:88-96 Ja-F '63. (MIRA 16'3)

1. Institut neorganicheskoy i analiticheskoy khimii pri Universitet g. Seged, Vengriya.
(Ammonium perchlorate) (Iron oxides) (Catalysis)

SOLYMOSI, Frigyes; REVESZ, László

Catalysis of solid-phase reactions; thermic decomposition of ammonium-perchlorate in presence of iron oxide. Magyar kém folyoir 68 no.6:255-262 Je '62.

1. Szegedi Tudományegyetem Szervetlen- és Analitikai-Kémiai Tanszéke.

5 2400

also 2406, 2606

26898

H/005/61/000/010/002/002

D239/D302

AUTHORS:

Sólymosi, Frigyes and Révész, László

TITLE:

Thermal decomposition of ammonium perchlorate in the presence of zinc oxide

PERIODICAL: Magyar Kémiai Folyóirat, no. 10, 1961, 459 - 460

TEXT: The article deals with investigation of the decomposition process of ammonium perchlorate in the presence of zinc oxide. For their experiments, the authors used pure NH_4ClO_4 according to Merck standards, and samples in the form of pellets, containing pulverized ammonium perchlorate and zinc oxide in suitable proportion, produced at a pressure of 4 ton/cm². The 30% decomposition of pure ammonium perchlorate between 200 and 300°C increased to 85% between 200 and 240°C in the presence of zinc oxide. Experiments on the influence of the modified electric conductivity of zinc oxide on the decomposition of NH_4ClO_4 revealed that the rise in conductivity

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Thermal decomposition of...

ity resulted in an increase of the reaction rate, the decrease of the conductivity in a decrease of the reaction rate and an increase in the induction period. On the other hand, the activation energy values remained practically unchanged as a result of the above variations. The explosion resulting from the mixture of NH_4ClO_4 and ZnO with a ratio between 300:1 and 10:1 was extremely violent and accompanied by flame. With a 50:50 ratio the decomposition of NH_4ClO_4 still resembled a mild explosion, while with a further increase of ZnO only a weak detonation took place. The experiments revealed furthermore, that the presence of only 0.2 % of zinc oxide set the explosion temperature of NH_4ClO_4 at about 240°C , which is 200°C less than quoted by A.K. Galwey and P. W. M. Jacobs (Ref. 5: J. Chem. Soc., 5031, 1960), who also stated that the proton transfer mechanism is the decisive factor in the explosion phenomena, whereas, in fact, the activation energy values

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Thermal decomposition of...

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D239/D302

found by the authors are close to 32 kcal which corresponds to the electron transfer mechanism. Values of the activation energy of various samples are shown in Table 1 and 2. There are 2 tables, 2 figures and 5 references: 4 non-Soviet-bloc and 1 Soviet-bloc. Ther references to the English-language publications read as follows: L. L. Bircumshaw and B. H. Newman: Proc. Roy. Soc., A227, 115, 1954; Proc. Roy. Soc., A227, 228, 1955; A. K. Galwey and P. W. M. Jacobs: Proc. Roy. Soc., 254, 455, 1960; J. Chem. Soc., 837, 1959; A. K. Galwey and P. W. M. Jacobs: Trans. Faraday Soc., 55, 1165, 1959; A. K. Galwey and P. W. M. Jacobs: J. Chem. Soc., 5031, 1960.

ASSOCIATION: Szegedi Tudományegyetem Szervetlen- és Analitikai Kémiai Intézete (Inorganic and Analytical Chemistry Institute of the Szeged University of Sciences)

Card 3/5

REVESZ, M.

Lessons from 400 cases of the pediatric neuroclinic. *Gyermekegygyaszat* 4
no.6:179-184 June 1953. (CML 25:1)

1. Dispensary of Peterffy Sandor-utcai Hospital (Director - Head Physician
-- Jozsef Lendvai).

REVESZ, P.

On sequences of quasi-equivalent events. Pt.1. Mat kut kozl.
MTA 8 A series no.1/2:73-83 '63.

1814:

Heppes, Aladár; and Révész, Pál. A splitting problem of Borsuk. *Mat. Lapok* 7 (1956), 108-111. (Hungarian. Russian and English summaries)

"H. G. Eggleston [*J. London Math. Soc.* 30 (1955), 11-24; MR 16, 734] has proved for $n=3$ Borsuk's conjecture according to which every point-set in the n -space with diameter 1 can be split into $(n+1)$ disjunct subsets with diameters <1 . The present paper contains a simpler proof for the special case when the point-set contains only a finite number of points."

Author's summary

REVESZ, P.

4

1-F/W

Heppes, A.; und Révész, P. Zum Borsukschen Zerteilungsproblem. *Acta Math. Acad. Sci. Hungar.* 7 (1956), 159-162. (Russian summary)

Borsuk's conjecture that every subset of euclidean n -space, with diameter D , is decomposable into $n+1$ sets, each with diameter less than D , was proved by Eggleston for $n=3$ [*J. London Math. Soc.* 30 (1955), 11-24; MR 16,

734]. This paper offers a simpler proof for the special case of a finite subset of three-space. *L. M. Blumenthal.*

sm *g*

REVESZ, P.; RENYI, A.

On mixing sequences of random variables. In English. p. 389.

ACTA MATHEMATICA. (Magyar Tudomanyos Akademia) Budapest, Hungary. Vol. 9,
no. 3/4, 1958.

Monthly list of East European Accessions, (EEAI) LC, Vol, 9, no. 1, Jan. 1960.

Uncl.

REVESZ, Pal

Some remarks on the random ergodic theorem. I. In English. Mat
kut kozl MTA 5 no.3:375-381 '60. (EBAI 10:8)
(Ergodic theory) (Spaces, Generalized)
(Transformations (Mathematics))

REVEZ, Pal

"Equalization of statistical series by the method of least squares; the Chebyshev's method" by V. Khotimskiy. Reviewed by Pal Revesz. Stat Szemle 38 no.4:429-430 Ap '60.

REVESZ, P.

Some remarks on the random ergodic theorem, II. Mat kut kozl MTA 6
no.1/2:205-213 '61.

(Ergodic theory)

REVESZ, Pal (Budapest)

Some remarks about Birkhoff's 111th problem. Mat kozl MTA 11 no.3:
273-287 '61.

1. Eotvos Lorand Tudomanyegyetem Matematikai Intezete, Budapest.

(Matrices) (Lattice theory) (Birkhoff, Garrett)

REVESZ, Pal

Quick determination of the investment costs of the chemical industry establishments and the investigation of the economy of investments.
Magy kem lap 16 no.4:165-172 Ap '61.

1. Vegyimuveket Tervezo Vallalat.

REVESZ, P.

(On sequences of quasi-equivalent events. Pt.2. Mat kut
kozl MTA 9 Series A no.1/2:227-233 '64.

BORTSOVA, M.P.; PAVLOV, G.D. [deceased]; FILINA, R.A.; MARTIROSOV, R.A.;
SHPICHKO, N.P.; REVEZA, M.I.

Plant experiments in the demulsification of Ozek-Suat oil and
the preparation of demulsifiers. Trudy GrozNII no. 15:34-41 '63.
(MIRA 17:5)

REVVALVI, Bela

Plastic materials are gaining ground in agriculture.
Mezogazd techn 1 no.1:26-27 '61.

MOLNAR, Laszlo, okleveles banyamernok; POTHORNIK, Jozsef; LASSAN, Jozsef, banyamernok; BERCSENYI, Lajos, banyamernok; SZEKENYI, Ferenc, banyamernok; FENYES, Gyula, banyamernok; SULT, Tibor, banyamernok; ZSUFFA, Miklos, banyamernok; JAMBRICH, Gyula, banyamernok; REVVALVI, Janos, banyamernok; SZENDREY, Zoltan, banyamernok; BOCSI, Otto, banyamernok; SCHAFFER, Peter, banyatechnikus; SZTERMEN, Jozsef, banyamernok, muszaki fejlesztési csoportbeli foelado; MAGYARFY, Karoly, gepeszmernok; SANDOR, Gaspar, banyamernok; VISKARDI, Laszlo, gepeszmernok; GORDOS, Pal, gepeszmernok; CHMELL, Ferenc, gepeszmernok; ALMASIM Geza, gepeszmernok; AJTAY, Zoltan, dr., banyamernok; MARTOS, Ferenc, dr., banyamernok

Conference on technical development in Salgotarjan. Bany lap 97 no.10:720-722 0 '64.

1. Nograd Coal Minig Trust (for Pothornik, Lassan and Bercsenyi).
2. Nagybatnóy Colliery (for Szebenyi, Fenyés, Molnar, Sult and Chmell).
3. Mizserfa Colliery (for Zsuffa and Jambrich).
4. Matranovak Colliery (for Revfalvi, Szendrey and Bocsi).
5. Kanyas Colliery (for Schaffer, Sztermen and Magyarfy).
6. Zagyva Colliery (for Sandor, Viskardi and Gordos).
7. Director, Mining Research Institute, Budapest (for Ajtay).
8. Department Chief, Mining Research Institute, Budapest (for Martos).

REVVALVI, Miklos, dr., foeloado

Further development in the construction industry planning methods.
Epites szemle 8 no.4:99-104 '65.

1. Department of Economic Planning of the Ministry of Construction,
Budapest.

Revfalvi, M.

The reconstruction. p. 137

EPULETGEPESET. (Epitoipari Tudományos Egyesület)
Budapest, Hungary. Vol. 8, no.4, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no.11
November 1959
Uncl.

YAGUBOV, S.N.; REVICH, G.G.; SYRNEV, V.M. (Moskva)

Strengthen the polyclinical training of students in medical
institutions. Zdrav. Ros. Feder. 4 no.5:33-36 My '60.
(MIRA 13:11)

(MEDICINE—STUDY AND TEACHING)

LILOV, I.P., prof.; REVICH, G.G., kand. med. nauk (Moskva)

Improvement of the training of physicians. Zdrav. Ros. Feder.
8 no.3:35-39 Mr'64 (MIRA 17:4)

REVICH, B.B.--

Revich, B.B.--"Some Biochemical Properties of a Dermatophyte in Nutrient Media,"
Cand Med Sci, Irkutsk State Medical Inst, Irkutsk 1953. (REFERATIVNYY ZHURNAL-
KHEMIYA-, No 1, Jan 54)

Source: SUM 168, 22 July 1954

REICH, G. G.

REICH, G. G.: "Some biochemical properties of the dermatophyte *Microsporum lanosum* in nutrient media." Min Health RSFSR. Moscow Medical Stomatological Inst. Stalino, 1956. (Dissertation for the Degree of Candidate in Medical Sciences.)

Knizhnaya letopis', No. 39, 1956. Moscow.

REVICH, T., prof.

Simplified method for reinforcing iron and steel bridges. Sbor. LIIZHT
no.156:35-47 '58. (MIRA 11:9)
(Bridges, Iron and steel)

REVICH, V. (Moskva)

Taking a reversed picture. Sov.foto. 19 no.8:57 Ag '59.
(MIRA 13:1)

(Photography)

REVICH, Vsevolod

Firing at a hail cloud. Nauka i zhizn' 30 no.5:29-34 My '63.
(MIRA 16:10)

REVICH, Vsevolod Aleksandrovich—

[Flowers and concrete] TSvety i beton. Moskva, Sovetskaiia
Rossiia, 1960. 69 p. (MIRA 15:1)
(Siberia--Description and travel)